



# **Savannah River Site Status**

**National Spent Fuel Strategy Meeting  
October 29, 2002**

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# Foreign / Domestic Fuel Receipts

(since last session)

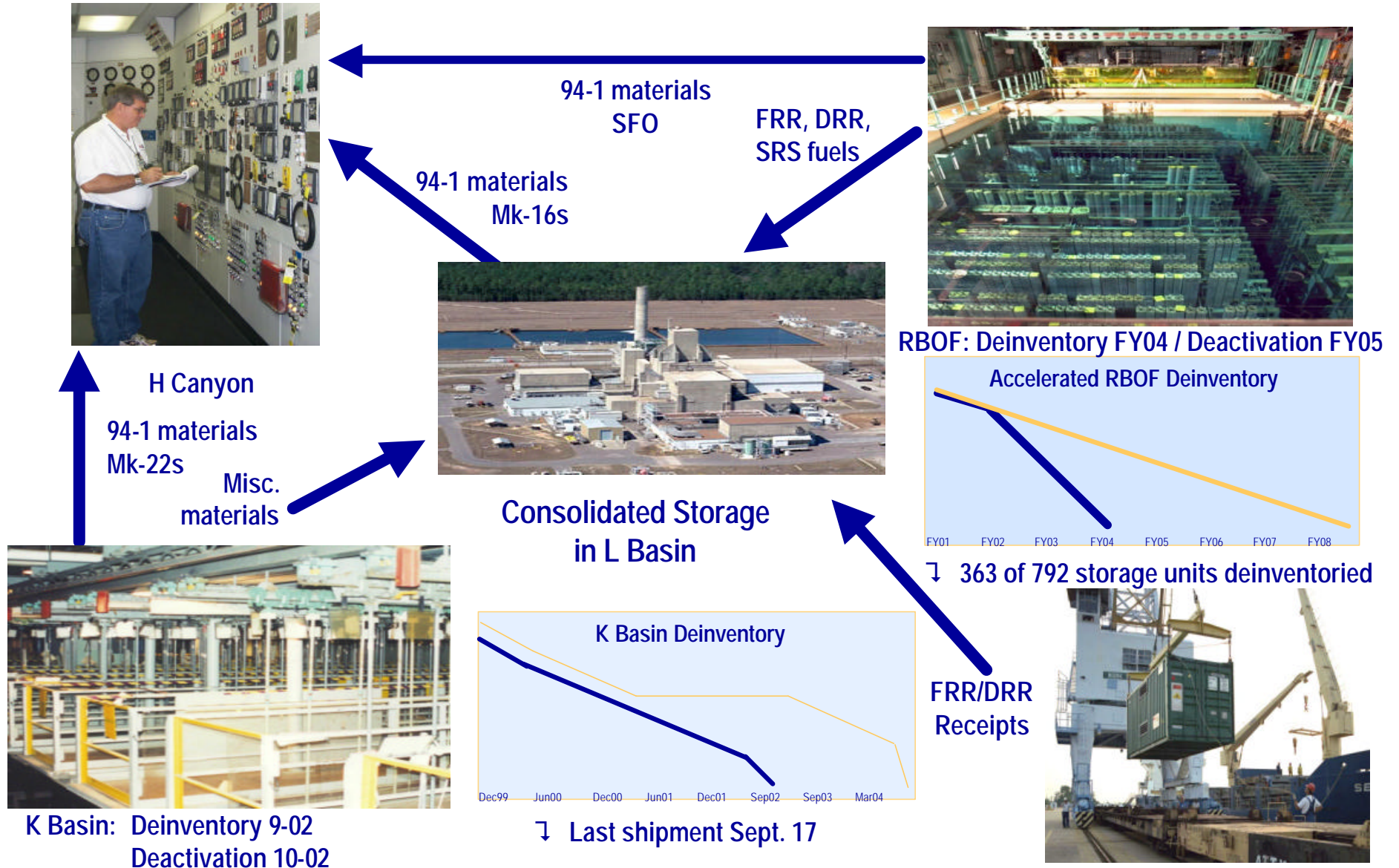
**June    8 casks from Denmark, Germany, Sweden  
320 Assemblies**

**Sept    8 casks from Japan  
260 Assemblies**

**Apr - Sept   9 casks from Missouri, Oak Ridge**

**FY2002 DRR   11 casks   53 Assemblies  
FY2002 FRR   30 casks   1102 Assemblies**

# Consolidated Spent Fuel Storage



# K Basin Milestones

- ? Safe Shutdown and Deactivation Plan: 8/30/02 - Complete
- ? Deinventory: 9/17/02 - Complete
- ? Deactivation: 10/02

# Deactivation Status

? TSR approval needed to remove NIM's, eliminate water level surveillance, and perform final deactivation activities



**NIM units in K Basin**



**Basin level ruler**



**Basin fire extinguisher**

# K Basin End State

## *Safe Shutdown and Deactivation Plan*

### *105-K Disassembly Basin*

- ? Drain and isolate water chemistry control equipment
- ? Open breakers and remove fuses for major electrical equipment
- ? Remove NIM's
- ? Cancel equipment PM's
- ? Provide periodic water level surveillance to maintain minimum level
- ? Perform general housekeeping
- ? Lock all entrances
- ? Minimum annual S&M (~\$20K / year)

# RBOF Deactivation

? Safe Shutdown and Deactivation Plan  
12/31/02

? Deinventory 9/30/04

? Deactivation 9/30/05

# Risk Management

**Provide safe SNF storage and maintain maximum storage flexibility to support DOE risk management**

## **Challenges:**

- ? Limited storage capacity
- ? Canyon processing options
- ? Limited work toward final disposition
- ? FRR participation
- ? FRR program extension
- ? DRR receipt end date at SRS
- ? Yucca Mountain SNF receipt criteria